



CFP2000 Result

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Itautec

Servidor Itautec LX201 (Intel Xeon 5120 processor)

SPECfp_rate2000 = 32.8

SPECfp_rate_base2000 = 32.8

SPEC license #: 9001 | Tested by: Itautec | Test date: Oct-2006 | Hardware Avail: Jul-2006 | Software Avail: May-2006

Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
168.wupwise	2	73.8	50.3	2	73.8	50.3
171.swim	2	264	27.3	2	264	27.3
172.mgrid	2	179	23.4	2	179	23.4
173.applu	2	200	24.3	2	200	24.3
177.mesa	2	84.4	38.5	2	84.4	38.5
178.galgel	2	83.3	80.8	2	83.3	80.8
179.art	2	72.4	83.3	2	72.4	83.3
183.quake	2	84.7	35.6	2	84.7	35.6
187.facerec	2	119	37.0	2	119	37.0
188.amp	2	205	24.9	2	205	24.9
189.lucas	2	188	24.7	2	188	24.7
191.fma3d	2	208	23.5	2	208	23.5
200.sixtrack	2	150	17.0	2	150	17.0
301.apsi	2	232	26.0	2	232	26.0

Hardware

CPU: Intel Xeon 5120 processor (1.86 GHz, 4MB L2 shared, 1066 MHz system bus)
CPU MHz: 1860
FPU: Integrated
CPU(s) enabled: 2 cores, 1 chip, 2 cores/chip
CPU(s) orderable: 1
Parallel: No
Primary Cache: 32 KB I + 32 KB D on chip per core
Secondary Cache: 4096KB(I+D) on chip, per chip, shared
L3 Cache: N/A
Other Cache: N/A
Memory: 8x1GB DDR2-RAM PC2-5300F (CAS 5-5-5)ECC
Disk Subsystem: 1 x 120GB Serial ATA 7200 RPM
Other Hardware: None

Software

Operating System: Windows Server 2003 Enterprise Edition + SP1 (64-bit)
Compiler: Intel C++ Compiler 9.1
Build 20060519Z (for 32-bit applications),
Intel Fortran Compiler 9.1
Build 20060519Z (for 32-bit applications),
Microsoft Visual Studio .NET 7.0.9466 (for libraries),
MicroQuill SmartHeap for SMP Library 8.0
File System: NTFS
System State: Default

Notes/Tuning Information

PORTABILITY FLAGS

178.galgel: -FI /F32000000

GENERAL

+FDO: PASS1=-Qprof_gen PASS2=-Qprof_use

Base tuning flags

for Fortran programs: -fast -Qansi_alias +FDO

for C programs: -fast +FDO shlSMPMt.lib

EXTRA LIBRARIES

MicroQuill SmartHeap for SMP Library 8.0 available from
<http://www.microquill.com/>